

AMENDMENTS TO SPECIFICATION

Rewrite the Title as follows:

INFORMATION RECORDING METHOD, INFORMATION RECORDING
DEVICE, AND RECORDING MEDIUM CONTAINING A PROGRAM, WITH
RECORDING MARKS FORMED BY EMITTING LIGHT

Rewrite the Abstract (page 81 of the specification) as follows.

{Document Name} Abstract

~~{Problem to be Solved}~~ Accurate recording is achieved by obtaining each optimum pulse width and pulse edge position in a recording method that performs recording according to the rules of recording waveform using different pulse widths and pulse edge positions for individual data length sets with respect to the data length sets having the different relationship between the number of pulses and the data length. ~~{Means for Solving the Problem}~~ The A first trial write process obtains an optimum recording power of a test pattern (S1 through S3) even with respect to data having different rules for the recording waveforms corresponding n type data length sets, and ~~[[the]]~~ a second trial write process using this optimum recording power obtains optimum pulse width or optimum pulse edge position separately for each data length set (S4 through S6). Based on the optimum recording power and optimum recording waveform obtained by these trial write processes, recording operation is performed so as to form all the data lengths with satisfactory accuracy, thereby making it possible to obtain a proper reproduced signal.